

### **Amendments to Specification**

Please replace paragraph [0014] with the following amended paragraph:

[0014] FIG. 1 shows a block diagram of a device for repairing defective pixels of a liquid crystal display panel according to a preferred embodiment of the invention. The defective pixel repairing device 100 includes a defective pixel signal set storage unit 102 and a pixel signal repair unit 104, wherein the pixel signal repair unit 104 further includes a pixel signal storage unit 106, a defective pixel signal storage unit 108, a location comparison unit 110 and a pixel signal replacement unit 112. Of which, the location comparison unit 110 is coupled to pixel signal storage unit 106 and defective pixel signal storage unit 108, whereas the pixel signal replacement unit 112 is coupled to the location comparison unit as shown in FIG. 1. It is noteworthy that the defective pixel-repairing device 100 can be an independent circuit device or partly or totally installed in other circuit devices. For example, the user can install the entire defective pixel repairing device 100 in a scaler 114 or other well-known circuit devices, or just install the entire or part of pixel signal repair unit 104 in a scaler or other well-known circuit devices.

Please replace paragraph [0018] with the following amended paragraph:

[0018] Next, perform step 210. After the location comparison unit 110 has compared ordinary pixel data and defective pixel data and has determined that the ordinary pixel signal is used to be inputted to a defective pixel, then perform step 212 to replace the pixel brightness signal of an ordinary pixel signal with the brightness signal

of a dark spot. ~~Of which, the~~ The signal value of the brightness signal of a dark spot is used to make the pixel constantly display a level of complete darkness. The brightness signal of a dark spot is of a low voltage signal if a vertical alignment (VA) mode liquid crystal display panel is used and is of a high voltage signal if a twisted nematic (TN) mode liquid crystal display panel is used. In the invention, the pixel signal whose pixel brightness signal is replaced by brightness signal of a dark spot is called a "dark spot pixel signal".